

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	24	(600/522 607/36 607/37 607/38 607/27 607/6 607/8 439/909).cds. and implant\$6 and electrode\$1 and stimulat\$6 and ((lead \$1 with (coupl\$ connect \$)) same ((mode with switch\$3) (mode with (switch\$ transition\$))))	US-PGPUB; USPAT	OR	OFF	2008/12/15 15:13
L2	70	("4532931"   "4549548"   "4558702"   "4628934"   "4658831"   "4741342"   "4805621"   "4917093"). PN. OR ("5003975"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/15 15:14
L3	3	2 and implant\$6 and electrode\$1 and stimulat \$6 and ((lead\$1 with (coupl\$ connect\$)) same ((mode with switch\$3) (mode with (switch\$ transition\$))))	US-PGPUB; USPAT	OR	OFF	2008/12/15 15:14
S3	118	(("6,622,046") or ("6,615,083") or ("6,607,509") or ("6,564,106") or ("6,522,915") or ("6,512,940") or ("6,487,443") or ("6,438,410") or ("6,280,462") or ("6,259,947") or ("6,148,230") or ("6,141,581") or ("6,055,454") or ("6,044,298") or ("5,957,956") or ("5,916,243") or ("5,895,414") or ("5,869,970") or ("5,855,593") or ("5,836,987") or ("5,827,326") or ("5,797,967") or ("5,724,984") or ("5,704,365") or	US-PGPUB; USPAT	OR	OFF	2008/01/08 15:03

("5,697,953") or  
("5,662,688") or  
("5,641,326") or  
("5,634,938") or  
("5,620,466") or  
("5,603,732") or  
("5,603,331") or  
("5,545,202") or  
("5,545,186") or  
("5,540,727") or  
("5,531,779") or  
("5,468,254") or  
("5,441,518") or  
("5,439,482") or  
("5,417,717") or  
("5,411,539") or  
("5,411,525") or  
("5,411,031") or  
("5,397,342") or  
("5,391,200") or  
("5,388,578") or  
("5,376,106") or  
("5,372,606") or  
("5,366,496") or  
("5,360,442") or  
("5,331,966") or  
("5,318,597") or  
("5,314,459") or  
("5,314,430") or  
("5,313,953") or  
("5,301,677") or  
("5,300,106") or  
("5,292,338") or  
("5,284,136") or  
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("5,230,337") or  
("5,209,229") or  
("5,203,348") or  
("5,179,945") or  
("5,170,784") or  
("5,133,353") or  
("5,036,849") or  
("4,953,551") or  
("4,562,841") or  
("6,351,670") or  
("6,442,433") or  
("20030212436") or  
("20030097153") or  
("20030088286") or  
("20030088283") or  
("20030088282") or  
("20030088281") or  
("20030088280") or  
("20030088279") or

		(("20030088278") or ("20030069609") or ("20030045904") or ("20030036778") or ("20030023175") or ("20030004552") or ("20030004546") or ("20020120299") or ("20020107559") or ("20020107549") or ("20020107548") or ("20020107547") or ("20020107546") or ("20020107545") or ("20020107544") or ("20020103510") or ("20020095184") or ("20020091414") or ("20020082658") or ("20020072773") or ("20020068958") or ("20020052636") or ("20020049476") or ("20020049475") or ("20020042634") or ("20020042630") or ("20020042629") or ("20020035381") or ("20020035380") or ("20020035379") or ("20020035378") or ("20020035377") or ("20020035376") or ("20030114887") or ("5,601,607") or ("5,318,594") or ("2001005790") or ("2003023271") or ("2002147473") or ("2002183637") or ("5,306,293") or ("20040064177") or ("20030204216") or ("20030163169") or ("20020107553")).PN.				
S5	76	(richard near s near sanders) (richard near sanders)	US-PGPUB; USPAT	OR	OFF	2006/03/20 11:41
S6	0	("2005/0004615").URPN.	USPAT	OR	OFF	2006/03/20 13:15
S7	323	(607/36).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/03/20 13:15

S8	205	S7 and @pd<"20030411"	US-PGPUB; USPAT	OR	OFF	2006/03/20 13:36
S9	1242	(607/9).CQLS.	US-PGPUB; USPAT	OR	OFF	2006/03/20 13:36
S10	721	S9 and @pd<"20030411"	US-PGPUB; USPAT	OR	OFF	2006/03/20 13:36
S11	4	((("5230337") or ("6205357") or ("20020042630") or ("20030036778")),PN.	US-PGPUB; USPAT	OR	OFF	2006/03/20 16:23
S12	79	(US-20030114887-\$ or US- 20030069609-\$ or US- 20030036778-\$ or US- 20020107548-\$ or US- 20020120299-\$ or US- 20020042630-\$ or US- 20050004615-\$ or US- 20040215240-\$ or US- 20030040781-\$ or US- 20020038136-\$ or US- 20030060850-\$ or US- 20030009197-\$ or US- 20020123769-\$ or US- 20030050670-\$ or US- 20020177879-\$ or US- 20010031994-\$ or US- 20010031993-\$ or US- 20010012953-\$ or US- 20020143368-\$ or US- 20020143367-\$ or US- 20010049541-\$).did. or (US-6522915-\$ or US- 6487443-\$ or US-6055454- \$ or US-6280462-\$ or US- 6148230-\$ or US-5895414- \$ or US-5916243-\$ or US- 5620466-\$ or US-5603732- \$ or US-5441518-\$ or US- 5601607-\$ or US-5397342- \$ or US-5411539-\$ or US- 5314430-\$ or US-5331966- \$ or US-5261400-\$ or US- 5230337-\$ or US-5133353- \$ or US-6370427-\$ or US- 6498951-\$ or US-6327502- \$ or US-6144879-\$ or US- 5782891-\$ or US-5755743- \$ or US-5662696-\$ or US- 5662691-\$).did. or (US- 5658321-\$ or US-5529579- \$ or US-5282841-\$ or US- 5207218-\$ or US-5314451-	US-PGPUB; USPAT	OR	OFF	2006/03/21 09:16

		\$ or US-5040533-\$ or US-4940052-\$ or US-6539259-\$ or US-6505070-\$ or US-6477418-\$ or US-6456878-\$ or US-6424866-\$ or US-6397105-\$ or US-6363277-\$ or US-6292693-\$ or US-6263242-\$ or US-6259948-\$ or US-6256536-\$ or US-6285907-\$ or US-6085118-\$ or US-6047213-\$ or US-6157860-\$ or US-6097983-\$ or US-6049735-\$ or US-5755737-\$ or US-5797970-\$ or US-5776168-\$.did. or (US-5814076-\$ or US-5441522-\$ or US-5385574-\$ or US-4312355-\$ or US-6205357-\$.did.				
S13	36	S12 and switch	US-PGPUB; USPAT	OR	OFF	2006/03/21 10:15
S14	27	S12 and switch and receive \$1	US-PGPUB; USPAT	OR	OFF	2006/03/21 09:22
S15	0	S12 and (code near (switch memory))	US-PGPUB; USPAT	OR	OFF	2006/03/21 10:15
S16	6	S12 and (code with (switch memory))	US-PGPUB; USPAT	OR	OFF	2006/03/21 10:20
S17	15	S12 and updat\$3	US-PGPUB; USPAT	OR	OFF	2006/03/21 10:20
S18	78	(US-20010012953-\$ or US-20010031993-\$ or US-20010031994-\$ or US-20020038136-\$ or US-20020042630-\$ or US-20020107548-\$ or US-20020120299-\$ or US-20020123769-\$ or US-20020143367-\$ or US-20030114887-\$ or US-20050004615-\$ or US-20020143368-\$ or US-20020177879-\$ or US-20030009197-\$ or US-20030036778-\$ or US-20030040781-\$ or US-20030050670-\$ or US-20030060850-\$ or US-20030069609-\$ or US-20010049541-\$.did. or (US-5133353-\$ or US-5207218-\$ or US-5230337-	US-PGPUB; USPAT	OR	OFF	2006/09/19 11:11

		\$ or US-5261400-\$ or US-5282841-\$ or US-5314430-\$ or US-5314451-\$ or US-5331966-\$ or US-5385574-\$ or US-5397342-\$ or US-5441522-\$ or US-5529579-\$ or US-5601607-\$ or US-5603732-\$ or US-5755743-\$ or US-5776168-\$ or US-5797970-\$ or US-5814076-\$ or US-5895414-\$ or US-5916243-\$ or US-6047213-\$ or US-6049735-\$ or US-6055454-\$ or US-6085118-\$ or US-6097983-\$ or US-6144879-\$).did. or (US-4312355-\$ or US-6148230-\$ or US-6205357-\$ or US-6256536-\$ or US-6259948-\$ or US-6280462-\$ or US-6285907-\$ or US-6292693-\$ or US-6327502-\$ or US-6370427-\$ or US-6397105-\$ or US-6424866-\$ or US-6477418-\$ or US-6487443-\$ or US-6498951-\$ or US-6522915-\$ or US-6539259-\$ or US-6585321-\$ or US-6662691-\$ or US-6662696-\$ or US-6755737-\$ or US-6940052-\$ or US-6940533-\$ or US-6960466-\$ or US-69611539-\$ or US-69611518-\$ or US-6962891-\$).did. or (US-6157860-\$ or US-6263242-\$ or US-6363277-\$ or US-6456878-\$ or US-6505070-\$).did.				
S19	59	S18 and (monitor\$3 detect \$3) and stimulat\$3	US-PGPUB; USPAT	OR	OFF	2006/09/19 11:15
S20	25	S18 and (monitor\$3 detect \$3) and stimulat\$3 and (lead near (couple\$2 connect\$2))	US-PGPUB; USPAT	OR	OFF	2006/09/19 11:13
S21	40	S18 and (monitor\$3 detect \$3) and stimulat\$3 and (enable\$2 disable\$2)	US-PGPUB; USPAT	OR	OFF	2006/09/19 11:19
S22	13	S18 and (monitor\$3 detect \$3) and stimulat\$3 and ((switch\$3 transition\$3) near mode\$1)	US-PGPUB; USPAT	OR	OFF	2006/09/19 14:58

S23	1668	607/9.cds. 607/36.cds.	US-PGPUB; USPAT	OR	OFF	2007/07/17 13:50
S24	147	S23 and (monitor\$3 detect \$3) and stimulat\$3 and ((switch\$3 transition\$3) near mode\$1)	US-PGPUB; USPAT	OR	OFF	2006/09/20 11:04
S25	1	("5,144,949").PN.	US-PGPUB; USPAT	OR	OFF	2006/09/19 15:27
S26	106	S23 and ((switch\$3 transition\$3) near mode \$1) and (disable off (conserv\$5 near energy) preferen\$9)	US-PGPUB; USPAT	OR	OFF	2006/09/19 16:53
S27	102	S23 and ((switch\$3 transition\$3) near mode \$1) and (disable off (conserv\$5 near energy))	US-PGPUB; USPAT	OR	OFF	2006/09/19 16:55
S28	1	S23 and ((switch\$3 transition\$3) near mode \$1) and (conserv\$5 near energy)	US-PGPUB; USPAT	OR	OFF	2006/09/19 16:55
S29	1	("5527345").PN.	US-PGPUB; USPAT	OR	OFF	2006/09/20 11:04
S30	118	((("6,622,046") or ("6,615,083") or ("6,607,509") or ("6,564,106") or ("6,522,915") or ("6,512,940") or ("6,487,443") or ("6,438,410") or ("6,280,462") or ("6,259,947") or ("6,148,230") or ("6,141,581") or ("6,055,454") or ("6,044,298") or ("5,957,956") or ("5,916,243") or ("5,895,414") or ("5,869,970") or ("5,855,593") or ("5,836,987") or ("5,827,326") or ("5,797,967") or ("5,724,984") or ("5,704,365") or ("5,697,953") or ("5,662,688") or ("5,641,326") or ("5,634,938") or	US-PGPUB; USPAT	OR	OFF	2006/09/20 14:24

("5,620,466") or  
("5,603,732") or  
("5,603,331") or  
("5,545,202") or  
("5,545,186") or  
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("5,531,779") or  
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("5,230,337") or  
("5,209,229") or  
("5,203,348") or  
("5,179,945") or  
("5,170,784") or  
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("5,036,849") or  
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("20030045904") or  
("20030036778") or



		(("20030023175") or ("20030004552") or ("20030004546") or ("20020120299") or ("20020107559") or ("20020107549") or ("20020107548") or ("20020107547") or ("20020107546") or ("20020107545") or ("20020107544") or ("20020103510") or ("20020095184") or ("20020091414") or ("20020082658") or ("20020072773") or ("20020068958") or ("20020052636") or ("20020049476") or ("20020049475") or ("20020042634") or ("20020042630") or ("20020042629") or ("20020035381") or ("20020035380") or ("20020035379") or ("20020035378") or ("20020035377") or ("20020035376") or ("20030114887") or ("5,601,607") or ("5,318,594") or ("2001005790") or ("2003023271") or ("2002147473") or ("2002183637") or ("5,306,293") or ("20040064177") or ("20030204216") or ("20030163169") or ("20020107553")).PN.				
S31	274	((607/9) (607/36)).ccls. and implant\$6 and electrode\$1 and stimulat \$6 and (lead\$1 near coupl \$)	US-PGPUB; USPAT	OR	OFF	2007/07/17 14:00
S32	801	((607/9) (607/36)).ccls. and implant\$6 and electrode\$1 and stimulat \$6 and (lead\$1 with coupl \$)	US-PGPUB; USPAT	OR	OFF	2007/07/17 14:00

S33	196	((607/9) (607/36)).ccls. and implant\$6 and electrode\$1 and stimulat \$6 and (lead\$1 with coupl \$) and (mode with switch \$3)	US-PGPUB; USPAT	OR	OFF	2007/07/17 14:01
S34	8	((607/9) (607/36)).ccls. and implant\$6 and electrode\$1 and stimulat \$6 and ((lead\$1 with coupl \$) same(mode with switch \$3))	US-PGPUB; USPAT	OR	OFF	2007/07/17 14:01
S35	8	((607/9) (607/36)).ccls. and implant\$6 and electrode\$1 and stimulat \$6 and ((lead\$1 with coupl \$) same (mode with switch \$3))	US-PGPUB; USPAT	OR	OFF	2007/07/17 14:03
S36	9	((607/9) (607/36)).ccls. and implant\$6 and electrode\$1 and stimulat \$6 and ((lead\$1 with coupl \$) same ((mode with switch\$3) (mode with transition\$)))	US-PGPUB; USPAT	OR	OFF	2008/01/09 15:22
S38	2	((("6358202") or ("6208894")).PN.	US-PGPUB; USPAT	OR	OFF	2008/01/08 15:23
S39	17	("20030036778"   "20030176894"   "4784162"   "4827943"   "5606969"   "5607385"   "5919141"   "5961450"   "6050940"   "6146230"   "6375614"   "6409675"   "6415174"   "6454708"   "6480733"   "6491639"   "6628986").PN.	US-PGPUB; USPAT	OR	OFF	2008/01/09 15:27
S40	1	("4964407").PN.	US-PGPUB; USPAT	OR	OFF	2008/01/09 15:17
S41	1690	(600/522 607/63 607/13 607/16 607/27 607/28 607/34 439/909).ccls.	US-PGPUB; USPAT	OR	OFF	2008/01/09 15:22
S42	1	("5003975").PN.	US-PGPUB; USPAT	OR	OFF	2008/01/09 15:19
S43	67	("4532931"   "4549548"   "4558702"   "4628934"   "4658831"   "4741342"   "4805621"   "4917093"). PN. OR ("5003975"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/09 15:21

S44	20	("4532931"   "4549548"   "4558702"   "4628934"   "4658831").FN. OR ("4964407").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/09 15:21
S45	8	(600/522 607/63 607/13 607/16 607/27 607/28 607/34 439/909).ccls. and implant\$6 and electrode\$1 and stimulat\$6 and ((lead \$1 with coupl\$) same ((mode with switch\$3) (mode with transition\$)))	US-PGPUB; USPAT	OR	OFF	2008/01/09 15:22
S46	24	(600/522 607/63 607/13 607/16 607/27 607/28 607/34 439/909).ccls. and implant\$6 and electrode\$1 and stimulat\$6 and ((lead \$1 with (coupl\$ connect \$)) same ((mode with switch\$3) (mode with transition\$)))	US-PGPUB; USPAT	OR	OFF	2008/01/11 15:20
S47	0	("20030036778"   "20030176894"   "4784162"   "4827943"   "5606969"   "5607385"   "5919141"   "5961450"   "6050940"   "6146230"   "6375614"   "6409675"   "6415174"   "6454708"   "6480733"   "6491639"   "6628986").FN. and implant\$6 and electrode\$1 and stimulat\$6 and ((lead \$1 with (coupl\$ connect \$)) same ((mode with switch\$3) (mode with transition\$)))	US-PGPUB; USPAT	OR	OFF	2008/01/09 15:28
S48	0	("20030036778"   "20030176894"   "4784162"   "4827943"   "5606969"   "5607385"   "5919141"   "5961450"   "6050940"   "6146230"   "6375614"   "6409675"   "6415174"   "6454708"   "6480733"   "6491639"   "6628986").FN. and implant\$6 and electrode\$1 and stimulat\$6 and ((lead \$1 with (coupl\$ connect \$)) same ((mode with switch\$3) (mode with	US-PGPUB; USPAT	OR	OFF	2008/01/09 15:28

		(switch\$ transition\$))))				
S49	24	(600/522 607/63 607/13 607/16 607/27 607/28 607/34 439/909).ccls. and implant\$6 and electrode\$1 and stimulat\$6 and ((lead \$1 with (coupl\$ connect \$)) same ((mode with switch\$3) (mode with (switch\$ transition\$))))	US-PGPUB; USPAT	OR	OFF	2008/01/09 15:30
S50	3	(S43 S44) and implant\$6 and electrode\$1 and stimulat\$6 and ((lead\$1 with (coupl\$ connect\$)) same ((mode with switch \$3) (mode with (switch\$ transition\$))))	US-PGPUB; USPAT	OR	OFF	2008/01/09 15:30
S51	23	(607/36 607/37 607/38 607/27 607/6 607/8).ccls. and implant\$6 and electrode\$1 and stimulat \$6 and ((lead\$1 with (coupl\$ connect\$)) same ((mode with switch\$3) (mode with transition\$))))	US-PGPUB; USPAT	OR	OFF	2008/01/11 15:21
S52	29	("20010005790"   "20030023271"   "20040215258"   "4277072"   "5074301"   "5156157"   "5188106"   "5391187"   "5782883"   "5814079"   "6126611"   "6221011"   "6270457"   "6280380"   "6303270"   "6306088"   "6312378"   "6314319"   "6336903"   "6358203"   "6368284"   "6398728"   "6440066"   "6450957"   "6574507"   "6589188"   "6600949"   "6618618"   "6892095"). PN.	US-PGPUB; USPAT	OR	OFF	2008/09/08 12:18
S53	24	(607/36 607/37 607/38 607/27 607/6 607/8).ccls. and implant\$6 and electrode\$1 and stimulat \$6 and ((lead\$1 with (coupl\$4 connect\$5)) same ((mode with switch \$3) (mode with transition \$)))	US-PGPUB; USPAT	OR	OFF	2008/09/08 12:19

S54	0	S52 and implant\$6 and electrode\$1 and stimulat\$6 and ((lead\$1 with (coupl\$4 connect\$5)) same ((mode with switch\$3) (mode with transition\$)))	US-PGPUB; USPAT	OR	OFF	2008/09/08 12:20
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12/ 15/ 2008 3:54:37 PM

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